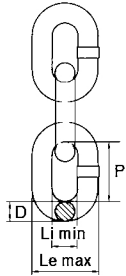


Sun Alloy Chain

Chain Sun Alloy SUN – Measurements, Load Values, Weights



Chain		Pitch	Li/min.	Le/max.	Weight	Working Load limit	Breaking Load
D	P						
mm	inch	mm	mm	mm	kg/m	kg	kN
7	9/32	21	9.8	26.0	1.33	2,360	92.6
8	5/16	24	11.0	30.5	1.59	3,000	118
10	3/8	30	14.3	38.0	2.66	5,000	196
13	1/2	39	18.0	48.5	4.43	8,000	319
16	5/8	48	21.5	59.0	6.73	12,200	479

Maximum Working Load Limit for Sun Alloy Chains

Safety factor	1-leg Chains		2-leg Chains				3- and 4-leg Chains	
4								
	-	-	up to 45°	45°-60°	up to 45°	45°-60°	up to 45°	45°-60°
	1	0.8	1.4	1	1.12	0.8	2.1	1.5
Ø	Load Capacity [kg]							
7	2,360	1,900	3,350	2,360	2,650	1,900	5,000	3,550
8	3,000	2,360	4,250	3,000	3,350	2,360	6,300	4,500
10	5,000	4,000	7,100	5,000	5,600	4,000	10,600	7,500
13	8,000	6,300	11,200	8,000	9,000	6,300	17,000	11,800
16	12,200	9,700	17,000	12,200	13,600	9,700	25,600	18,300

If the chain slings are used in more demanding conditions (e.g. high temperature, asymmetric load distribution, edge loads, impacts) the maximum load capacities in the table must be reduced. Please use the load factors on page 8 and refer to the specification in the user information.